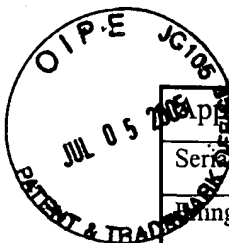
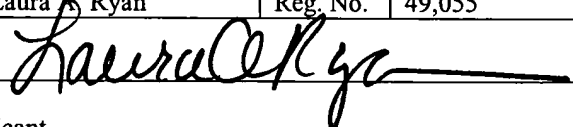
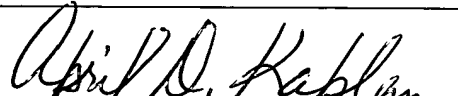


JC01 Rec'd PCT/PTO 05 JUL 2005



Applicant(s)	Cotton et al.	TRANSMITTAL FORM UNDER 37 CFR 1.8 (LARGE ENTITY)
Serial No.	10/523,158	
Filing Date	January 27, 2005	
Examiner Name	Unassigned	
Group Art Unit	Unknown	
Confirmation No.	None	
Attorney Docket No.	142.019US01	
Title: METHOD AND APPARATUS FOR QUANTIFYING TISSUE HISTOLOGY		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Enclosures					
The following documents are enclosed:					
<input checked="" type="checkbox"/> An Information Disclosure Statement (1 pg.); Form 1449 (3 pgs.); copies of 12 references.					
<input checked="" type="checkbox"/> A return postcard.					
Please charge any additional fees or credit any overpayments to Deposit Account No. 502432.					
CUSTOMER NO. 34206					
Submitted By					
Name	Laura A. Ryan	Reg. No.	49,055	Telephone	(612) 332-4720
Signature				Date	July 1, 2005
Attorneys for Applicant Fogg and Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339 T: 612-332-4720 F: 612-332-4731					
Certificate of Mailing					
I certify that this correspondence, and the documents identified above, are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 1, 2005.					
Name	April D. Kaplan		Signature		

**U.S. PATENT & TRADEMARK OFFICE**  
JUL 05 2005

Applicant(s)	Cotton et al.	<b>INFORMATION DISCLOSURE STATEMENT</b>
Serial No.	10/523,158	
Filing Date	January 27, 2005	
Examiner Name	Unassigned	
Group Art Unit	Unknown	
Confirmation No.	None	
Attorney Docket No.	142.019US01	
Title: METHOD AND APPARATUS FOR QUANTIFYING TISSUE HISTOLOGY		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with 37 C.F.R. § 1.56, and in accordance with 37 CFR § 1.97, *et seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement (IDS) be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP §609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

**As an Office Action has not yet issued in the application, it is believed that no fee is due; however, should fees be required, the Commission for Patents is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 502432.**

The Examiner is invited to contact the Applicant's representative at the below-listed telephone number if there are any questions regarding this communication.

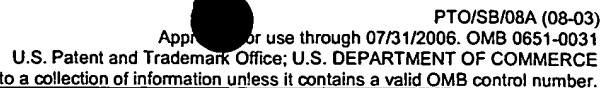
Respectfully submitted,

Date:

1 July 2005

Laura A. Ryan  
Laura A. Ryan  
Reg. No. 49,055

Attorneys for Applicant  
Fogg and Associates, LLC  
P.O. Box 581339  
Minneapolis, MN 55458-1339  
T – (612) 332-4720  
F – (612) 332-4731

**Complete if Known**

*(Use as many sheets as necessary)*

Sheet	1	of	3
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Application Number	10/523,158
Filing Date	January 27, 2005
First Named Inventor	Cotton et al.
Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket Number	142.019US01

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 98/22023	05-28-1998	Cotton	.	

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/523158
		Filing Date	January 27, 2005
		First Named Inventor	Cotton et al.
		Art Unit	Unknown
		Examiner Name	Unassigned
Sheet 2	of 3	Attorney Docket Number	142.019US01

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MALONEY & WENDELL, "Color constancy: a method for recovering surface spectral reflections", J. Opt. Soc. Am. A 3, 29-33 (1986)	
		G. HEALEY, "Using colour for geometry-insensitive segmentation" J. Opt. Soc. Am. A 6, 920-937 (1989)	
		M. A. AFROMOWITZ, G.S. VAN LIEW & D.M. HEIMBACH, "Clinical evaluation of burn injuries using an optical reflectance technique", IEEE trans. Biomed. Eng. BME-34, 114-127 (1987)	
		AFROMOWITZ, DESOTO & NORTON, "Multispectral imaging of burn wounds: a new clinical instrument for evaluating burn depth", IEEE trans. Biomed. Eng. 35, 842-849 (1988)	
		S. SHAFER, "Using color to separate reflection components", Color Res. Appl. 4, 210-218 (1985)	
		MM LIPSCHUTZ, Differential Geometry (McGraw-Hill Book Company, New York, 1969)	
		T. BACK and H.P. SCHWEFEL, "An overview of evolutionary algorithms for parameter optimization", Evolutionary Computation 1, 1-23, (1993)	
		L. DAVIS, The handbook of genetic algorithms (Van Nostrand Reingold, New York, 1991)	
		D. GOLDBERG, Genetic algorithms in search, optimization and machine learning (Addison-Wesley, London 1989)	
		S.D. COTTON and E. CLARIDGE, "Developing a predictive model of human skin coloring", Proc. of SPIE Med. Imag. 2708, 814-825 (1996)	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Application Number	10/523,158
		Filing Date	January 27, 2005
		First Named Inventor	Cotton et al.
		Art Unit	Unknown
		Examiner Name	Unassigned
Sheet 3	of 3	Attorney Docket Number	142.019US01

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		P. KUBELKA and F. MUNK, "Ein Beitrag zur Optik der Farbanstriche", "Z Tech. Opt" 11, 593-611 (1931)	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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